

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-38. (canceled)

39. (previously presented) A drilling machine for exploratory and productive wells, comprising:

a base;

a top drive;

a guide for guiding a movement of the top drive codirectionally with a longitudinal axis of said base;

a gripper for at least one of gripping and guiding a drilling pipe, said gripper being moveable perpendicular to the base axis;

a live ring connected to the base at a foot of said base;

a rig floor, said live ring being affixed to said rig floor;

a drawworks arranged below said rig floor, said drawworks including a cable guiding trolley; and

an iron roughneck arranged one of on said rig floor and in a lower region of said base above said rig floor, said iron roughneck being one of slidably moveably mounted and pivotably moveably mounted.

40. (previously presented) A drilling machine according to claim 39, further comprising at least one subframe box supporting said rig floor, said drawworks being arranged in said subframe box.

41. (canceled)

42. (previously presented) A drilling machine for exploratory and productive wells, comprising:

a base;

a top drive;

a guide for guiding a movement of the top drive codirectionally with a longitudinal axis of said base;

a gripper for at least one of gripping and guiding a drilling pipe, said gripper being moveable perpendicular to the base axis;

a live ring connected to the base at a foot of said base;

a rig floor, said live ring being affixed to said rig floor; and

a pipe handling device arranged proximal at least one of said rig floor and said base, wherein said pipe handling device is arranged below said rig floor.

43. (previously presented) A drilling machine according to claim 42, wherein said pipe handling device comprises:

a truck moveable on rails;

a pipe receiving unit arranged on said truck; and

a pivot device, said pipe receiving unit being mounted to said pivot device so as to be at least one of rotatable and pivotable in a vertical plane.

44. (previously presented) A drilling machine according to claim 43, wherein said pipe receiving unit comprises at least one of a pipe gripper and a retaining unit.

45. (previously presented) A drilling machine for exploratory and productive wells, comprising:

a base;

a top drive;

a guide for guiding a movement of the top drive codirectionally with a longitudinal axis of said base;

a gripper for at least one of gripping and guiding a drilling pipe, said gripper being moveable perpendicular to the base axis;

a live ring connected to the base at a foot of said base;

a steel structure, and

a locking apparatus arranged on an upper end of said base and connectable to said steel structure.

46.-50. (canceled)

51. (previously presented) A drilling rig comprising at least two drilling machines, each drilling machine including:

. :
. :

a base;

a top drive;

a guide for guiding a movement of the top drive codirectionally with a longitudinal axis of said base;

a gripper for at least one of gripping and guiding a drilling pipe, said gripper being moveable perpendicular to the base axis; and

a live ring connected to the base at a foot of said base, each machine being moveable at least one of rotatably and pivotably for selective positioning of said machines over a center of a well;

said drilling rig further comprising a steel structure arranged between said drilling machines, said drilling machines being reciprocally lockable to said steel structure and said drilling machines being connected to one another by at least one of a cable and a chain, the steel structure carrying a return roller, said at least one of a cable and a chain passing over said roller.

52. (previously added) A drilling rig according to claim 51, further comprising a damping device arranged on at least one of the steel structure and said drilling machines, the damping device including at least one of a spring and a hydraulic cylinder with a choke.

53. - 57. (canceled)

58. (previously presented) A method for sinking a well and installing pipe work with a drilling machine, said drilling machine having a base, a top drive on the base, a

handling device on the base, a gripper in the base for gripping a pipe, an elevator, and a rail-borne pipe handling unit, said method comprising:

- a) providing that at least a part of the base is rotatable about a vertical axis, said top drive being located in at least one of an upper and a middle region of said base;
- b) rotating said at least a part of the base to a base position proximal a pipe collection point at which a pipe selected from a pipe stock and conveyed to said collection point with said handling unit is held;
- c) lowering the top drive and handling device connected thereto, and the elevator on the base sufficiently to enable said elevator to encompass said selected pipe;
- d) extending the gripper from the base sufficiently for the gripper to encompass said selected pipe;
- e) lifting the pipe on the base and rotating the base to position the pipe over the well; and
- (f) connecting a lower end of the selected pipe to a pipe located in the well, and connecting an upper end of the selected pipe to a drive shaft of said top drive.

59. (previously presented) The method according to claim 58, wherein connection of the upper end of said selected pipe is with a drive shaft of said top drive and is effected with at least one of a screwing and securing device, and the pipe handling device.

60. (previously presented) The method according to claim 58, wherein connection of the upper end of said selected pipe and said drive shaft of the top drive is effected with at least one of a screwing and securing device, and the pipe handling device.

61. (previously presented) The method according to claim 58, wherein the at least a part of the base which is rotatable is the top drive, said top drive being rotated about a vertical axis parallel to a longitudinal axis of said base to position it proximal said collection point.

62. (previously presented) The method according to claim 59, wherein connection of the lower end of the selected pipe with a pipe in the well is effected first, and then connection of the upper end of said selected pipe made with the drive shaft of said top drive.

63. (previously presented) The method according to claim 58, wherein during pipe handling steps involved in installation and removal operations, the selected pipe is suspended only in the elevator, connection of said selected pipe with the drive shaft of the top drive being omitted.